

**Citizens for a Healthy Bay  
EPA TAG Final Progress Report**

**Date: June 30, 2003 Report Period: July, 2001– May, 2003**

<b>Site</b>	COMMENCEMENT BAY, TACOMA, WASHINGTON
<b>Grant Recipient</b>	CITIZENS FOR A HEALTHY BAY
<b>Recipient Group Representatives</b>	WENDY S. CHURCH, SHERI TONN
<b>Technical Advisors</b>	SHERI TONN, ALAN ZULAUF, SCOTT HANSEN, KRISTI LYNETTE, MONIQUE LANCE, AND LESLIE ANN ROSE

**Progress Achieved:**

**GENERAL COMMENCEMENT BAY ADVOCACY/ANALYSIS ACTIVITIES (1,158.50 hours)**

- Respond to citizens inquires. (442.50 ours)
- Policy committee activities and meetings. (267.00 hours)
- Presentations to community to educate on Superfund in Commencement Bay. (87.75 hours)
- Maintain EPA document repository. (92.25 hours)
- Prepare for and attend quarterly Commencement Bay NRDA Trustees meeting. (24.00 hours)
- Research and write Commencement Bay Superfund activity milestones for CHB's 2001 State of the Bay report. (22.00 hours)
- Research and write articles for CHB 2002 State of the Bay report. (7.50 hours)
- Research and write articles for newsletter regarding Commencement Bay Superfund issues (44.50 hours)
- Attend quarterly CBCAC meeting. (6.00 hours)
- Media presentations, interviews and related activities. (48.50 hours)
- Attend seminar relative to nearshore and estuary restoration and remedial activities. (7.00 hours)
- Attend and present at 2<sup>nd</sup> National EPA-sponsored TAG Workshop (25.25 hours)
- Research and update Superfund public education materials. (8.50 hours)
- Review and analyze EPA memorandum – Clean Water Act Section 404(b)(1) Analysis for Commencement Bay 07/31/00. (4.50 hours)
- Update CHB Executive Director regarding status of Superfund actions in Commencement Bay. (17.25 hours)
- Research and draft explanation of Superfund in Commencement Bay and present to Ed Board for Tribune (public education). (16.00 hours)
- Conduct Superfund site visits and photograph sites. (3.00 hours)
- Update Conservation Committee of TAS regarding status of Superfund actions in Commencement Bay. (3.00 hours)
- Direct outreach for citizen participation in EPA public meeting 11/20/02. (11.00 hours)
- Prepare for and attend EPA public meeting 11/20/02. (3.00 hours)
- Attend habitat restoration workshop. (18.00 hours)

**THEA FOSS WATERWAY (713.50 hours)**

- Attend and participate in Foss Waterway Technical workgroup meetings called by EPA. (57.00 hours)
- Review and analyze documents generated from Foss Waterway technical workgroup meetings. (24.00 hours)
- Follow-up meetings, telephone conversations and discussions regarding Foss Technical Workgroup issues remedial action items. (11.50 hours)
- Review, analyze and draft CHB comment letter to Ecology regarding Superior Oil MTCA cleanup, relative to Superfund remedial issues in Foss Waterway. (3.00 hours)
- Tour St. Paul cap site and prospective habitat restoration sites for proposed NCDF. (5.00 hours)
- 2 site visits to head of Foss Waterway – SOW for NAPL seep sampling and analysis work. (2.25 hours)
- Review documents and data regarding Foss Source Control (35.50 hours)
- Attend Foss Stormwater Source Control 6-Weekly meeting (47.00 hours)
- Review Corps WRDA Special Public Notice possible benefit to Foss Waterway clean-up site. (1.50 hours)



- Research and review historical City of Tacoma stormwater source control data. (5.00 hours)
- Review EPA's comments to the City of Tacoma regarding 90% design. (4.00 hours)
- Review City of Tacoma's response to EPA comments to 90% design. (2.00 hours)
- Foss Waterway, upland redevelopment issues. (0.50 hours)
- Media interview – Daily Journal of Commerce. (0.75 hours)
- Review, analyze and draft comments to Appendix R, Freshwater Study for Middle Waterway. (11.00 hours)
- Prepare and send comments to Cosmopolitan's fresh water study in Middle Waterway regarding St. Paul habitat mitigation. (2.00 hours)
- Review and analyze "Final - TM Contaminant Mobility Evaluation. (7.00 hours)
- Review & analyze Final Foss DAR by City of Tacoma and draft CHB comments to same. (73.50 hours)
- Follow-up meetings, telephone conversations and discussions regarding Foss Remedial Action by City of Tacoma. (162.75 hours)
- Site visits to Thea Foss and Wheeler-Osgood Waterway remedial action locations. (8.75 hours)
- Follow-up meetings, telephone conversations and discussions regarding Foss Remedial Action by the Utilities. (29.00 hours)
- Review and analyze Technical Memos (3) regarding proposed remedy at the head of Foss Waterway DNAPL seep area, draft and submit comments. (25.00 hours)
- Review, analyze and draft comments to RS and FFS for Coal Gasification and Standard Chemical sites. (13.00 hours)
- Prepare comments for and attend City Council meeting adopting resolution to enter into Consent Decree with EPA for Foss Waterway remedial action. (9.50 hours)
- Review EPA comments to City of Tacoma design document. (1.50 hours)
- Review and analyze Appendix T. (4.00 hours)
- Review and analyze TM – Sediment Transloading Facility Siting Evaluation (6.00 hours)
- Review and analyze Foss Waterway FDAR submitted by City of Tacoma. (23.25 hours)
- Review, analyze and submit comments to Remedial Design Work Plan and Geotechnical Work Plan submitted by the Utilities for the head of Foss Waterway. (8.00 hours)
- Review, analyze and submit comments to 30% DAR for head of Foss Waterway submitted by the Utilities. (20.00 hours)
- Community outreach regarding City of Tacoma kickoff for Foss Waterway remedial action (9.00 hours)
- Review and analyze WQC issued by EPA to City of Tacoma. (3.00 hours)
- Review and analyze and draft comments on Upland Disposal Facility & Habitat Considerations. (20.75 hours)
- Review and analyze City of Tacoma submittals for Foss Waterway remedial action. (25.00 hours)
- Review, analyze and draft comments on draft Geo-Tech Data Report – Transition Zone Sheet Pile Wall (3.00 hours)
- Research and draft formal CHB non-concurrence regarding proposed cap for head of Foss NAPL seep cap. (9.00 hours)
- Review and analyze Foss Waterway channel cap sediment source alternatives evaluation (3.00 hours)
- Review, analyze, evaluate and follow-up with issues and concerns raised by local community regarding possible use of LRI (Pierce County) landfill for disposal of Foss Waterway sediments. (11.75 hours)
- Review and analyze Foss Consent Decree (City-led action). (14.75 hours)
- Review and analyze Interim Design Impermeable Cap Remediation for SR509 Seep area. (3.00 hours)
- Review and analyze Draft 90% pre-final design for Transition Zone Sheetpile Wall, head of Foss Waterway. (5.00 hours)
- Review and analyze EPA Milestones 3, 4, and 5 Source Control Reports for the Foss Waterway. (3.00 hours)
- Activities for this operable unit are also reflected in General Commencement Bay Advocacy/Analysis Activities above.

### **OLYMPIC VIEW (51.75 hours)**

- Follow-up meetings, telephone conversations and discussions regarding OVRA remedial action. (30.25 hours)
- Review, analyze and draft CHB comment letter to Ecology regarding Superior Oil MTCA cleanup, relative to Superfund remedial issues at Olympic View NRDA restoration site (2.00 hours)
- Media interviews with S. Gordon, Tribune regarding OVRA. (1.00 hours)
- Review materials and documents relative to site. (3.50 hours)
- Review and follow-up specifics of OVRA remedial action. (1.50 hours)
- OVRA remedial action on-site visits. (4.00 hours)
- Prepare for and attend DNR meeting regarding OVRA reserve. (3.00 hours)
- Review and analyze DNR document specific to status of OVRA restoration site. (6.50 hours)
- Activities for this operable unit are also reflected in General Commencement Bay Advocacy/Analysis Activities above.

### **MIDDLE WATERWAY (142.50 hours)**

- Follow up communications and activities, meetings and telephone conversations. (46.75 hours)
- Media interviews regarding Middle Waterway Superfund remedial actions. (8.25 hour)
- Review and analyze Middle Waterway ESD, follow up activities, meetings, communications and discussions. (48.50 hours)
- Review and analyze MWAC documentation regarding land lease activities at head of Middle Waterway - other liable parties. (4.00 hours)
- Follow up regarding historical Foss chain pit -- possible source of head PAH contamination. (3.25 hours)
- Prepare for and attend DNR meeting regarding Middle Waterway. (3.00 hours)
- Review and analyze DNR document specific to status of Middle Waterway. (6.50 hours)
- Site visits to Middle Waterway remedial action locations. (2.75 hours)
- Follow-up with DNR and Ecology regarding action remedy at the head of Middle Waterway. (2.00 hour)
- Review, analyze and draft comments to BA Areas A&B prepared by MWAC. (3.00 hours)
- Review, analyze and draft comments to CQAP Areas A&B prepared by MWAC. (11.00 hours)
- Initiate review OMMP Areas A&B prepared by MWAC. (3.50 hours)
- Activities for this operable unit are also reflected in General Commencement Bay Advocacy/Analysis Activities above.

### **HYLEBOS WATERWAY (256.25 hours)**

- Attend Pioneer CAP meeting (3.00 hours)
- Activities and work to follow-up in aftermath of Schnitzer Steel fire (4.75 hours)
- Review shoreline permit app for in-water work in Superfund clean-up area. (1.25 hours)
- Follow-up meetings, telephone conversations and discussions regarding Hylebos Waterway remedial actions. (48.75 hours)
- Follow up meetings and telephone conversations HHCG-led remedial action. (1025 hours)
- Follow up meetings and telephone conversations Port-Oxy-led remedial action. (4.25 hours)
- Review Hylebos WDG OMMP and BMP relative to on-going debris problem at head of waterway and follow-up with Ecology and NRDA Trustees. (7.50 hours)
- Review Corps WRDA Special Public Notice possible benefit to Hylebos clean-up site. (1.50 hours)
- Media interviews regarding Hylebos Waterway remedial actions and issues. (1.25 hours)
- Community presentation to update the status of remedial action in Hylebos Waterway. (6.50 hours)
- Review and analyze and develop initial response to proposed Hylebos resources damages settlement. (58.25 hours)
- Review and analyze Hylebos UAO and SOW. (2.00)
- Site visits to Hylebos Waterway remedial action locations. (9.75 hours)
- Review, analyze and draft comments on HHCG 90% design. (8.00 hours)
- Review, analyze and follow up revised HHCG plan for Hylebos Marina. (3.00 hours)
- Review and analyze Hylebos Waterway consent decree for cash-out parties. (5.50 hours)
- Attend EPA Public Meeting for tenants of Hylebos Marina and follow up. (8.00 hours)
- Investigate, analyze and follow up on proposal to disposal of Duwamish sediments into Slip One disposal facility; including meetings and telephone conversations. (50.50 hours)

- Review, analyze and draft comments on HHCG2003 Remedial Action Plan. (11.25 hours)
- Review and analyze BA Addendum prepared by HHCG. (3.00 hours)
- Review and analyze Clear Creek Habitat Improvement Project – Phase II Work Plan (Port/Oxy). (4.25 hours)
- Review and analyze HHCG monthly progress reports. (1.50 hours)
- Review and analyze Port of Tacoma/Occidental monthly progress reports. (2.25 hours)
- Activities for this operable unit are also reflected in General Commencement Bay Advocacy/Analysis Activities above.

#### **OCCIDENTAL AREA 5106 (65.75 hours)**

- Review and Analyze 5106 Embankment EE/CA. (19.25 hours)
- Media interviews regarding Occidental Area 5106 actions. (1.75 hours)
- Draft CHB position statement and prepare CHB comments to 5106 Embankment EE/CA. (8.00 hours)
- Develop and submit action alert and other community action information regarding 5106 Embankment EE/CA. (8.50 hours)
- Meet with K. Marcy, EPA RPM, regarding 5106 Embankment EE/CA. (1.00 hour)
- Follow-up regarding closure of Pioneer facility. (1.00 hour)
- Review and analyze Hylebos UAO and SOW. (1.00 hours)
- Presentation to HWAC regarding status of Area 5106 remedial action. (0.50 hours)
- Site visits to remedial action location to view sediment removal activities. (1.50 hours)
- Meet with J. Williams, EPA Project Manager. (1.00 hour)
- Follow-up regarding Area 5106. (8.5 hours)
- Investigate, analyze and follow up on proposal to disposal of Duwamish sediments into Slip One disposal facility; including meetings and telephone conversations. (13.75 hours)
- Activities for this operable unit are also reflected in General Commencement Bay Advocacy/Analysis Activities above.

#### **ASARCO SMELTER SITE (237.75 hours)**

- Discussions and follow-up regarding Asarco shoreline and groundwater remedial action proposed delays. (2.75 hours).
- Review Asarco generated monthly activity reports. (24.25 hours)
- Attend public meeting regarding proposed park development for portion of remediated smelter site. (3.00 hours)
- Discussions with EPA RPMs regarding Asarco remedial action. (8.00 hours)
- Review report by City of Tacoma regarding outfall discharge at Asarco site. (0.50 hours)
- Review Asarco responses to EPA on Sediment and Groundwater remediation. (2.00 hours)
- Research related to Asarco/Grupo Mexico and potential adverse consequences to site cleanup. (9.00 hours)
- Follow-up telephone conversations and discussions regarding Asarco smelter site remedial action. (88.00)
- Media interview and related activities regarding ASARCO remedial action. (15.75 hours)
- Set up, prepare for, participate in and follow-up on informal discussion regarding ASARCO financial problems called by B. McConaughy of Congressman Dicks' office. (33.75 hours)
- Prepare Asarco update for CHB newsletter. (5.50 hours)
- Review and analyze UAO. (2.00 hours)
- Prepare for, attend, participate in and follow up on ASARCO public informational meetings. (9.00 hours)
- Meeting w/ T. Martin, ASARCO. (3.00 hours)
- Site visits to Asarco Smelter remedial action locations. (2.25 hours)
- Attend regional meeting regarding Asarco (8.00 hours)
- Investigate and analyze proposal to dispose of Everett soils into Ruston OCF. (5.00 hours)
- Meeting with Tom Martin, ASARCO, regarding projected future of Ruston site clean-up action. (2.25 hours)
- Research and follow-up regarding ASARCO financial problems and impacts to Ruston cleanup site. (7.75 hours)
- Participate in public meeting regarding proposal to dispose of Everett site soils into Ruston OCF. (3.00 hours)

- Draft comment letter to Ecology regarding proposal to dispose of Everett site soils into Ruston OCF. (6.00 hours)
- Review and analyze ASARCO settlement document. (17.00 hours)
- Activities for this operable unit are also reflected in General Commencement Bay Advocacy/Analysis Activities above.

**Materials produced during this grant period and previously submitted to EPA:**

- **Date:** July 12, 2001  
**Author:** Leslie Ann Rose  
**Document:** Dom Reale, Consent Decree for Superior Oil relative to Thea Foss and Olympic View
- **Date:** July 22, 2001  
**Author:** Leslie Ann Rose/Tacoma News Tribune  
**Document:** Press statement regarding Schnitzer Steel fire
- **Date:** August 24, 2001  
**Author:** Leslie Ann Rose  
**Document:** E-mail to local environment community encouraging comment on 5106 Embankment EE/CA
- **Date:** August 30, 2001  
**Author:** Leslie Ann Rose  
**Document:** CHB comments to 5106 Embankment EE/CA
- **Date:** September 17, 2001  
**Author:** Leslie Ann Rose  
**Document:** Alber's Mill redevelopment relative to overall Superfund Cleanup of Thea Foss Waterway
- **Date:** September 17, 2001  
**Author:** Leslie Ann Rose  
**Document:** Letter of support for upland development and coordination of in-water and upland remedial work.
- **Date:** September 4, 2001  
**Author:** Leslie Ann Rose  
**Document:** CHB newsletter Superfund updates
- **Date:** September 4, 2001  
**Author:** Leslie Ann Rose  
**Document:** Completed history of Superfund in Commencement Bay for CHB annual State of the Bay report
- **Date:** September 26, 2001  
**Author:** Leslie Ann Rose  
**Document:** CHB press release regarding Middle Waterway remedy and ESD
- **Date:** September 26, 2001  
**Author:** Leslie Ann Rose  
**Document:** Communication to local environmental community regarding Middle Waterway remedy and ESD.
- **Date:** October 9, 2001  
**Author:** Leslie Ann Rose

- Document:** Middle Waterway ESD Comments
- **Date:** November 27, 2001  
**Author:** Leslie Ann Rose  
**Document:** Commencement Bay Nearshore and Tidelands Superfund Problem Area overview for Editorial Board meeting.
  - **Date:** December 17, 2001  
**Author:** Leslie Ann Rose  
**Document:** Draft Final Design/Design Analysis Report, Foss Waterway Comments
  - **Date:** January 24, 2002  
**Author:** Leslie Ann Rose  
**Document:** Letter to Rep. Norm Dicks regarding Asarco financial problems and Commencement Bay Superfund sites.
  - **Date:** January 31, 2002  
**Author:** Leslie Ann Rose  
**Document:** "Not our parents' Asarco", Letter to the Editor, The News Tribune
  - **Date:** February 15, 2002  
**Author:** Leslie Ann Rose  
**Document:** Letters (7) of invitation to informal Asarco roundtable discussion on behalf of Bryan McConaughie of Congressman Dicks' office.
  - **Date:** February 21, 2002  
**Author:** Leslie Ann Rose  
**Document:** Follow-up letter to EPA RPM regarding proposed remedy for SSMA-7 head of Foss Waterway.
  - **Date:** February 26, 2002  
**Author:** Leslie Ann Rose  
**Document:** Thank you letter to Bryan McConaughie of Norm Dicks' office for convening and facilitating Asarco roundtable discussion.
  - **Date:** February 26, 2002  
**Author:** Leslie Ann Rose  
**Document:** Thank you letters to participants in Asarco roundtable discussion.
  - **Date:** February, 2002  
**Author:** Leslie Ann Rose  
**Document:** CHB newsletter insert regarding Asarco
  - **Date:** April 2, 2002  
**Author:** Leslie Ann Rose  
**Document:** CHB's comments to Appendix R – Freshwater Study for Middle Waterway from Cosmopolitan (reference Thea Foss/Wheeler-Osgood Waterway remedial action)
  - **Date:** May 13, 2002  
**Author:** Leslie Ann Rose  
**Document:** Commencement Bay Superfund article for CHB's newsletter
  - **Date:** May 21, 2002  
**Author:** Leslie Ann Rose

- Document:** CHB's comments to Final Design Analysis Report for Thea Foss and Wheeler-Osgood Waterways Remediation/St. Paul Confined Disposal Facility Project.
- **Date:** July 24, 2002  
**Author:** Leslie Ann Rose  
**Document:** Regarding St. Paul Waterway CDF
  - **Date:** July 31, 2002  
**Author:** Leslie Ann Rose  
**Document:** Re: Head of Foss Waterway Technical Memos for Proposed Capping Remedy of NAPL Seep
  - **Date:** August 6, 2002  
**Author:** Leslie Ann Rose  
**Document:** SHR2002-00010 – Shoreline & Maintenance Exemption 1690 Marine View Drive, Tacoma, WA 98422 – Need to coordinate this work with overall remedial action in Hylebos Waterway.
  - **Date:** August 18, 2002  
**Author:** Leslie Ann Rose  
**Document:** Op-Ed in The News Tribune regarding St. Paul Waterway CDF site.
  - **Date:** August 27, 2002  
**Author:** Leslie Ann Rose  
**Document:** CHB oral comments to City of Tacoma City Council Ordinance 35610
  - **Date:** September 20, 2002  
**Author:** Leslie Ann Rose  
**Document:** Op-Ed in the Tacoma Weekly regarding St. Paul Waterway CDF site.
  - **Date:** September 20, 2002  
**Author:** Leslie Ann Rose  
**Document:** Regarding FS for Coal Gasification Plant site on Foss Waterway.
  - **Date:** November 12, 2002  
**Author:** Leslie Ann Rose  
**Document:** Mailing to community regarding 11/20/02 EPA public meeting.
  - **Date:** December 4, 2002 July 31, 2002  
**Author:** Leslie Ann Rose  
**Document:** Re: Head of Foss Waterway - Draft Remedial Design Supplemental Exploration Work Plan
  - **Date:** December 4, 2002  
**Author:** Leslie Ann Rose  
**Document:** Communication to P. Peterson-Lee, EPA Project Manager
  - **Date:** December 20, 2002  
**Author:** Leslie Ann Rose  
**Document:** Comments to 30% Preliminary Design – Head of Foss Waterway
  - **Date:** January 3, 2003  
**Author:** Leslie Ann Rose  
**Document:** Upland Disposal Facility Design and Habitat Considerations 4072-64, December 16, 2002 Submitted by the City of Tacoma
  - **Date:** January 15, 2003

- Author:** Leslie Ann Rose  
**Document:** Upland Disposal Facility Design and Habitat Considerations – Foss Waterway Remedial Action (City led)
- **Date:** January 23, 2003  
**Author:** Leslie Ann Rose  
**Document:** Draft (90%) Final Design and Basis for Design Submittals, Unilateral Administrative Order for Remedial Design and Remedial Action, Head of Hylebos Waterway of the CB/NT Superfund Site
  - **Date:** January 28, 2003  
**Author:** Leslie Ann Rose  
**Document:** Everett Smelter Site – Soil disposal to Ruston OCF
  - **Date:** February 11, 2003  
**Author:** Leslie Ann Rose  
**Document:** Thea Foss and Wheeler-Osgood Waterway Final Design Documents
  - **Date:** March 17, 2003  
**Author:** Leslie Ann Rose  
**Document:** Head of Thea Foss Waterway NAPL Seep Area
  - **Date:** March 21, 2003  
**Author:** Leslie Ann Rose  
**Document:** St. Paul CDF – Thea Foss and Wheeler-Osgood Waterway
  - **Date:** March 26, 2003  
**Author:** Leslie Ann Rose  
**Document:** Duwamish/Diagonal Remedial Site Sediment Disposal – Slip One, Port of Tacoma
  - **Date:** March 31, 2003  
**Author:** Leslie Ann Rose  
**Document:** Disposal of Everett ASARCO Smelter Site soils to Ruston OCF
  - **Date:** April 4, 2003  
**Author:** Leslie Ann Rose  
**Document:** 2003 Remedial Action Work Plan - HHCG
  - **Date:** May 26, 2003  
**Author:** Leslie Ann Rose  
**Document:** CHB Newsletter – Superfund articles